

WEST Search History for Application 10537825

Creation Date: 2010033018:04

substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polari\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

linear\$ polari\$ with nmPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009 (linear\$ polari\$ with nm) and (substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polari\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(polari\$ with nm) and (substrates same liquid crystal layer same electric\$ same parallel same electrode same alignment same linearly polari\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide)) same electrodesPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

20020098295 or 20040080685PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20020098295 or 20040080685) and (substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20020098295 or 20040080685) and substrate\$ and transparent and electrode\$ and parallel and liquid crystal layer\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20020098295 or 20040080685) and substrate\$ and transparent and electrode\$ and liquid crystal layer\$) and parallelPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

20040080685 and parallelPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

20060061719PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20060061719) and active devicePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$) and (linear\$ polariz\$ with nm with (align\$ or polyimide or polyamide))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

linear\$ polariz\$ same nm same (align\$ or polyimide or polyamide)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)) and ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$) and ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$) same ((substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$) and (linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((substrate\$ same electrode\$ same parallel same liquid crystal (layer\$ or film)) same align\$ and linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)) not (linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic) and (substrate\$ same transparent same electrode\$ same parallel same liquid crystal layer\$) same align\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

us-5856430-\$.did. or us-6200655-\$.did.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(us-5856430-\$.did. or us-6200655-\$.did.) and transparentPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(us-5856430-\$.did. or us-6200655-\$.did.) and (electri\$ same parallel)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

((electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$)) and (linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

20010048498 or us-6704082-\$.did. or us-6943861-\$.did.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20010048498 or us-6704082-\$.did. or us-6943861-\$.did.) and ((electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$)) and (linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic)))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and ((electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))) and (transparent or thin film)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and ((electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))) and (transparent or thin film) and alignment layerPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and ((electri\$ with parallel) same (substrate\$ same electrode\$ same liquid crystal layer\$) and linear\$ polariz\$ same nm same (align\$ or polyimide or polyamic))) and (transparent or thin film)) and align\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

us-6704082-\$.did. and (transparent or thin film) and alignment layerPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(us-6704082-\$.did. and (transparent or thin film) and alignment layer) and (parallel) and axis and linearlyPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20010048498 or us-6704082-\$.did. or us-6943861-\$.did.) and (parallel same axis) and linearlyPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20010048498 or us-6704082-\$.did. or us-6943861-\$.did.) and cyclobut\$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 06-21-2009

(20010048498 or us-6704082-\$.did. or us-6943861-\$.did.) and nmPGPB, USPT, USOC, EPAB,

JPAB, DWPI, TDBD ADJ 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (pre-tilt\$ or tilt\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and ((pre-tilt\$ or tilt\$) same angle)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and transition temperaturePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (pixel same common)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and commonPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (common same insulating same \$organic)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (common same insulat\$)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and (common same insulat\$ same \$organic)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009
 (20010048498 or us-6704082-\$.did. or us-6943861-\$.did. and nm) and wavelengthPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 06-21-2009

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
20060061719	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
20010048498	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(20010048498) and \$tetracarboxylic\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
\$cyclobutanetetracarboxylic\$	PGPB, USPT,	ADJ	YES		12-21-2009

	USOC, EPAB, JPAB, DWPI, TDBD				
(\$cyclobutanetetracarboxylic\$) and (20060061719)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
\$dicyclobutanetetracarboxylic\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$dicyclobutanetetracarboxylic\$) same align\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$dicyclobutanetetracarboxylic\$) same align\$ same diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$dicyclobutanetetracarboxylic\$) same diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(\$dicyclobutanetetracarboxylic\$ same diamine) and linear\$ polarized light	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		12-21-2009

	TDBD				
($\text{Cyclobutanetetracarboxylic}$) and linear polarized light	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
($\text{Cyclobutanetetracarboxylic}$ and linear polarized light) and nm	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
($\text{Cyclobutanetetracarboxylic}$ and linear polarized light and nm) and diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
($\text{Cyclobutanetetracarboxylic}$ and linear polarized light and nm and diamine) and (electrode same substrate same liquid crystal)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
electric field same parallel	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
($\text{Cyclobutanetetracarboxylic}$ and linear polarized light and nm and diamine and (electrode same substrate same liquid crystal)) and (electric field same parallel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(electric same parallel) and ($\text{Cyclobutanetetracarboxylic}$ and linear polarized light and nm and diamine)	PGPB, USPT, USOC,	ADJ	YES		12-21-2009

	EPAB, JPAB, DWPI, TDBD				
us-6063829-\$.did. or us-5921201-.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(us-6063829-\$.did. or us-5921201-.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.) and ($\text{di}\text{cyclobutanetetracarboxylic}$ and linear polarized light and nm and diamine and (electrode same substrate same liquid crystal) and electric field same parallel)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(us-6063829-\$.did. or us-5921201-.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.) and ($\text{di}\text{cyclobutanetetracarboxylic}$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did.) and ($\text{di}\text{cyclobutanetetracarboxylic}$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did.) or (us-6063829-\$.did. or us-5921201-.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or	PGPB, USPT, USOC, EPAB, JPAB,	ADJ	YES		12-21-2009

us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.)	DWPI, TDBD				
(jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did. or us-6063829-\$.did. or us-5921201-\$.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.) and ((\$cyclobutanetettracarboxylic\$) and (\$di\$cyclobutanetettracarboxylic\$ same diamine))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
(jp-07036047-\$.did. or jp-07209650-\$.did. or jp-07209653-\$.did. or us-6063829-\$.did. or us-5921201-\$.did. or us-5612450-\$.did. or us-5756689-\$.did. or us-6746730-\$.did. or us-6294639-\$.did. or us-6063829-\$.did. or us-6685997-\$.did. or jp-2003073471-\$.did. or jp-2003255349-\$.did.) and (\$cyclobutanetettracarboxylic\$)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-21-2009
20040012725 or jp-2002258262-\$.DID. OR JP-2002131751-\$.did. or jp-2000080164-\$.did. or jp-2000319510-\$.did., or jp-07287235-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
20040012725 or jp-2002258262-\$.DID. OR JP-2002131751-\$.did. or jp-2000080164-\$.did. or jp-2000319510-\$.did. or jp-07287235-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
cyclobutanetettracarboxylic	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
(cyclobutanetettracarboxylic) and (20040012725 or jp-2002258262-\$.DID. OR JP-2002131751-\$.did. or jp-2000080164-\$.did. or jp-2000319510-\$.did. or jp-07287235-\$.did.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		03-30-2010

	TDBD				
(cyclobutanetetracarboxylic near2 dianhydride)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
200 nm with 400 nm	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
(200 nm with 400 nm) same ((cyclobutanetetracarboxylic near2 dianhydride))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
(200 nm with 400 nm) and ((cyclobutanetetracarboxylic near2 dianhydride))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
((cyclobutanetetracarboxylic near2 dianhydride)) with diamine	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
((cyclobutanetetracarboxylic near2 dianhydride) with diamine) same linearly polariz\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010
((cyclobutanetetracarboxylic near2 dianhydride) with diamine) and linearly polariz\$	PGPB, USPT, USOC,	ADJ	YES		03-30-2010

	EPAB, JPAB, DWPI, TDBD				
((cyclobutanetetracarboxylic dianhydride) with diamine) same linearly polariz\$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		03-30-2010